

IN THE CLAIMS:

Please cancel Claims 13, 14, 37, 44, 102, 103, 117, 124, 171, 172, 206, 207, 250 and 251 without prejudice or disclaimer of the subject matter.

1 to 264. (Cancelled).

265. (New) An isolated polynucleotide selected from the group consisting of:

(a) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:35;

(b) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:35 from nucleotide 99 to nucleotide 1514;

(c) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:35 from nucleotide 171 to nucleotide 1514;

(d) a polynucleotide comprising the nucleotide sequence of SEQ ID NO:35 from nucleotide 57 to nucleotide 623;

(e) a polynucleotide comprising the nucleotide sequence of the full-length protein coding sequence of clone bu45_2 deposited under accession number ATCC 98369;

(f) a polynucleotide encoding the full-length protein encoded by the cDNA insert of clone bu45_2 deposited under accession number ATCC 98639;

(g) a polynucleotide comprising the nucleotide sequence of a mature protein coding sequence of clone bu45_2 deposited under accession number ATCC 98369;

(h) a polynucleotide encoding a mature protein encoded by the cDNA insert of clone bu45_2 deposited under accession number ATCC 98369;

(i) a polynucleotide encoding a protein comprising the amino acid sequence of SEQ ID NO:36;

(j) a polynucleotide encoding a protein comprising a fragment of the amino acid sequence of SEQ ID NO:36 having biological activity, the fragment comprising the amino acid sequence from amino acid 231 to amino acid 240 of SEQ ID NO:36;

(k) a polynucleotide which is an allelic variant of a polynucleotide of (a)-(h) above;

(l) a polynucleotide which encodes a species homologue of the protein of (i) or (j) above; and

(m) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(j).

266. (New) A protein comprising an amino acid sequence selected from the group consisting of:

(a) the amino acid sequence of SEQ ID NO:36;

(b) the amino acid sequence of SEQ ID NO:36 from amino acid 1 to amino acid 175;

(c) fragments of the amino acid sequence of SEQ ID NO:36 comprising the amino acid sequence from amino acid 231 to amino acid 240 of SEQ ID NO:36; and

(d) the amino acid sequence encoded by the cDNA insert of clone bu45_2 deposited under accession number ATCC 98369;

the protein being substantially free from other mammalian proteins.

267. (New) An isolated gene corresponding to the cDNA sequence of SEQ ID NO:35.